

WHAT IS CLAIMED IS:

1. A valve structure of a hydraulic shock absorber for a vehicle,
comprising:

5 a first leaf valve provided in an opening portion of a flow
passage arranged in a partition wall member sectioning an oil passage;

a small-diameter leaf valve provided in an opposite side of the
first leaf valve to the partition wall member;

a plurality of second leaf valves provided in an opposite side of
the small-diameter leaf valve to the first leaf valve;

10 an annular gap provided in an outer peripheral side of the
small-diameter leaf valve, between the first leaf valve and the second
leaf valve;

the respective leaf valves being fixed in inner peripheral sides
thereof so as to be laminated on the partition wall member,

15 wherein an inner leaf valve is disposed between a plurality of
second leaf valves, and an annular outer leaf valve having a larger
thickness than that of the inner leaf valve is disposed on an outer
peripheral side of the inner leaf valve.

20 2. A valve structure of a hydraulic shock absorber for a vehicle
according to claim 1, wherein an outer diameter of the small-diameter
leaf valve is set to be no greater than a distance from a center of the
partition wall member to a flow passage provided in the partition wall
member.

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3. A valve structure of a hydraulic shock absorber for a vehicle
according to claim 1, wherein the second leaf valve provided between

the small-diameter leaf valve and the inner leaf valve in the plurality of second leaf valves is comprises one leaf valve, and the other second leaf valves comprises a plurality of leaf valves.

5 4. A valve structure of a hydraulic shock absorber for a vehicle according to claim 1, wherein the first leaf valve comprises a plurality of leaf valves.

10 5. A valve structure of a hydraulic shock absorber for a vehicle according to claim 1, wherein the second leaf valve comprises a plurality of leaf valves having smaller diameters step by step such that the second leaf valve is formed in a pyramid shape as the second leaf valve departs from the small-diameter leaf valve.

15 6. A valve structure of a hydraulic shock absorber for a vehicle according to claim 1, wherein the second leaf valve comprises a plurality of leaf valves having the same diameter.

20 7. A valve structure of a hydraulic shock absorber for a vehicle according to claim 1, wherein the second leaf valve has a group of leaf valves having smaller diameters step by step such that the second leaf valve is formed in a pyramid shape as the second leaf valve departs from the small-diameter leaf valve, and a group of leaf valves having the same diameter.

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